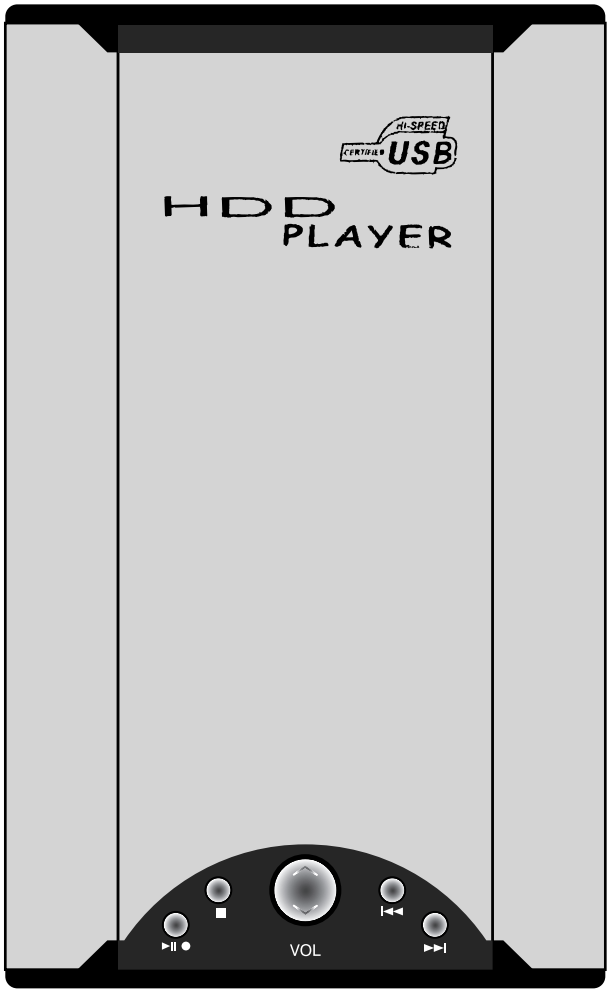
AdView™

HDD PLAYER

User's Manual
HDP1 Player



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Parts Inventory Check List

1. HDP1 Player
2. Remote Control
3. DC5.0V/2.0A power supply
4. AV Cable (4.0ft)
5. USB 2.0 Cable

1. Introductions

This user's manual covers operational instructions and technical specifications for Adview HDP1 Player. Please read it carefully prior to turning on the unit.

1.1 HDP1 Player

This is no ordinary hard disk player. This unit has been custom designed for digital signage and has these special features.

1. **Auto start -** The player will start automatically when powered up. It will display through either VGA or Composite ports depending on which port was last used.
2. **Content -** The player will only play content in "Active" Folder. Content in other folders will be ignored for automatic playback.
3. **Automatic Looping -** The player will continuously loop content in "Active" folder unless play is stopped by using the remote control or by pressing stop button on player.

2. Warnings and Suggestions

Warning: Before disconnecting HDP1 player from computer.
Please properly remove unit from the computer before disconnecting the USB cable, to avoid data loss or freezing the computer. Never simply pull out the USB cable, always disconnect properly from computer by first double clicking on hardware icon in system tray and then clicking on STOP button.

Warning: Before unplugging HDP1 player from power supply press STOP button on player or remote control, if unit is in play mode . Then press POWER button on remote control. Player can now be safely unplugged. Failure to follow these procedures could result in damage to hard drive.

2.1 Safety precautions

1. Fragile handle unit with care. This unit has a hard disk that is delicate and needs to be treated with more care than the average consumer electronics product.
2. Keep unit away from liquids, vapors or magnetism.
3. Adequate ventilation is essential for proper functioning of the hard disk player. Do not place unit in any enclosure without air flow. The player generates heat and requires ventilation, damage can occur if excessive heat builds up within the unit.
4. Do not place unit in areas with, direct sunlight, excessive heat, high humidity, shock or vibration.
5. Never disassemble or perform self-maintenance and repair. Have a qualified technician perform all product maintenance. Warranty will be void if the unit is disassembled.
6. Use only approved power adapter with unit.

2.2 Troubleshooting

SYMPTOM	POSSIBLE REASON	RESOLUTION
No power	Power cable connection problem	Verify DC adapter is plugged in at both ends
Power on, but unit doesn't work properly	Player may need to be reset	Restart player
No picture	Player not connected to DC power adapter	Plug DC adapter into input jack on player
	Display output setting is incorrect	On remote press VGA/TV button
	Video cable not connected securely to unit	Connect video output cable securely to unit
	Content format not supported by player	Use formats supported by player, see manual
No Volume	Audio cable not connected properly	Reconnect audio cable per manual
Pictures rolling up or poor quality	Player set to incorrect TV or display format	Access Setup Menu, select correct format
	Media content of poor quality	Recreate or use different content
Remote control doesn't work	Battery is dead or low output	Install two new triple AAA batteries
	Batteries not installed correctly	Reinstall batteries per imprint inside bay
	To great a distance or bad angle from unit	Distance: Within 23 ft. Angle: +/- 30^{o}
	Obstacle between remote and unit	Remove obstacle

2.3 Warranty

Our warranty does not cover the following:

1. Removed or altered serial number label
2. Damage as a result of natural disasters
   Disasters such as floods, fires, winds, earthquakes or lightening
3. Misuse or abuse, any modification or alternation
   Improper installation or maintenance
   Used with an unauthorized accessory

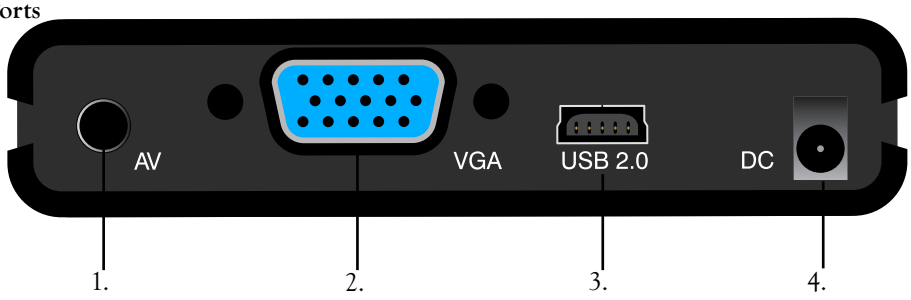
3. System Requirements

1. **Hard disk format -** This unit is formatted under FAT32 and can have a maximum patition size of 32 Giga bytes.
2. **Supported operating systems -** Windows XP, Windows 2000, Windows ME, etc.
3. **Power supply -** This unit requires 2 amps at 5.6 volts. Some USB devices may not have adequate current and will result in the hard disk making a continuous ticking noise when connected to these devices via USB. Under these conditions , plug in the power supply to the jack attached to the USB cable supplied with this unit. If a USB hub is being used make sure to use one which has it own power.

4. Operation Guide

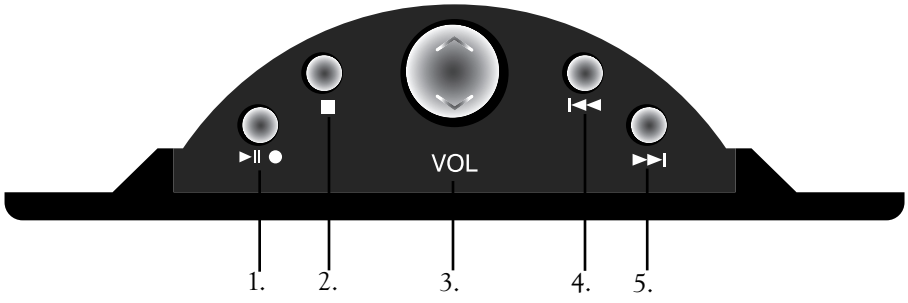
4.1 Port and Button Overview

Ports



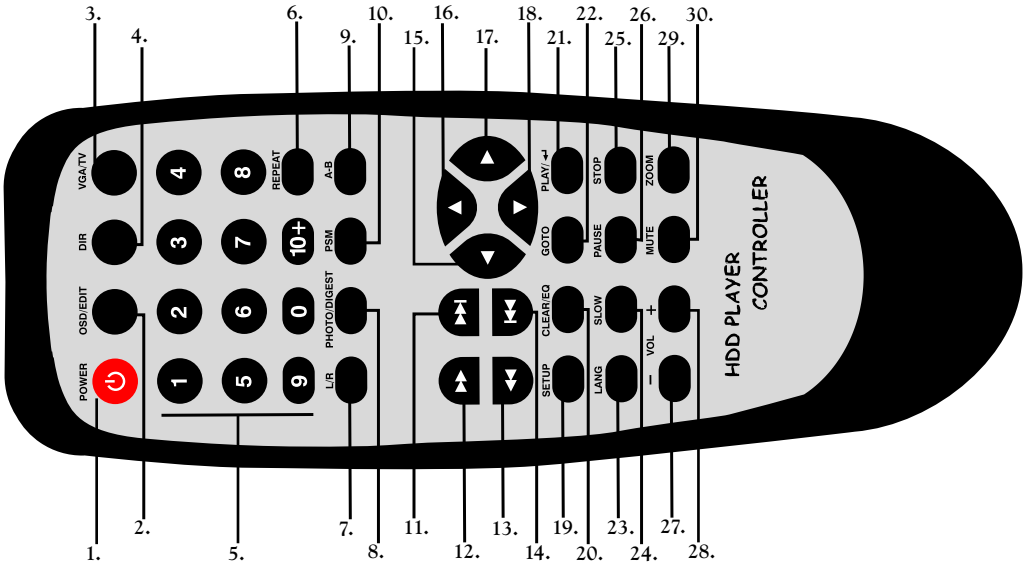
1.	AV Output	Audio/Video Signal Output Socket
2.	VGA Output	VGA Output Socket
3.	USB2.0 Input/Output	USB Cable Connection Input/Output
4.	DC Input	DC Power Supply Input Jack

Buttons



1.	Play/Enter	Playback/Pause
2.	Stop	Stop Play
3.	Volume +/-	Raise or Lower Volume
4.	Skip ~	Skip to Previous Media File
5.	Skip +	Skip to Next Media File

4.2 Remote Control - Please insert two AAA batteries (included) before use. Remote control operation range: Within 23 ft. from front panel , angle <=60°.

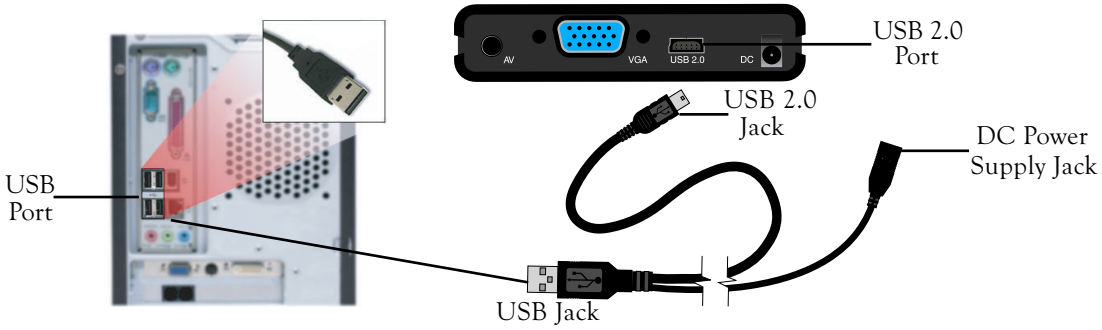


4.3 Remote Control Button Overview

KEY	HDP1 Player Function
1. POWER	Turns the unit on or off
2. OSD/EDIT	OSD (On Screen Display) On/Off
3. VGA/TV	Output via either VGA or AV port on back of player
4. DIR	Not Functional, as "Active" target directory is already set
5. Number Keys	Press appropriate number key to play that file, as listed in "Active" directory
6. REPEAT	To play media once in Disc, Single, Folder, or repeat in Rep_Disc, Rep_Single, Rep_Folder modes
7. L/R	To output audio in Stereo, Mono Left or Mono Right modes
8. PHOTO/DIGEST	Press it while playing JPEG's to access Photo Digest, use arrow keys to highlight file, then press Play/↵
9. A-B	To repeat playback in movies (Normal Operation), Select MP3 for Background music (Signal Menu)
10. PSM	Change photo transitions, 12 options
11. ▶▶|	Play next file as listed in "Active" folder
12. ▶▶	Fast forward music and movie playback up to 8X normal speed
13. ◀◀	Fast reverse music and movie playback up to 8X normal speed
14. |◀◀	Play previous file as listed in "Active" folder
15. ◀	Rotate photo images (Normal operation) Press to move left (Setup Menu or Photo Digest)
16. ▲	Flip photo images (Normal operation) Press to move up (Setup Menu or Photo Digest)
17. ▶	Rotate photo images (Normal operation) Press to move right (Setup Menu or Photo Digest)
18. ▼	Flip photo images (Normal Operation) Press to move down (Setup Menu or Photo Digest)
19. SETUP	Access Setup Menu
20. CLEAR/EQ	Turn audio equalizer On/Off
21. PLAY /↵	Playback (Normal Operation) or Enter (Setup Menu or Photo Digest)
22. GOTO	Show movie title and elapsed time.
23. LANG	Change language.
24. SLOW	To slow motion movie playback up to 8X
25. STOP	Stop play and access file library, press arrow keys to highlight file and Play /↵ key to select
26. PAUSE	Pause play
27. VOL -	Decrease volume
28. VOL +	Increase volume
29. ZOOM	Turn Zoom (Enlarge) On/Off, use ▶▶ to increase or ◀◀ to decrease zoom when turned on
30. MUTE	Mute volume on files with audio

4.4 Content Transfer

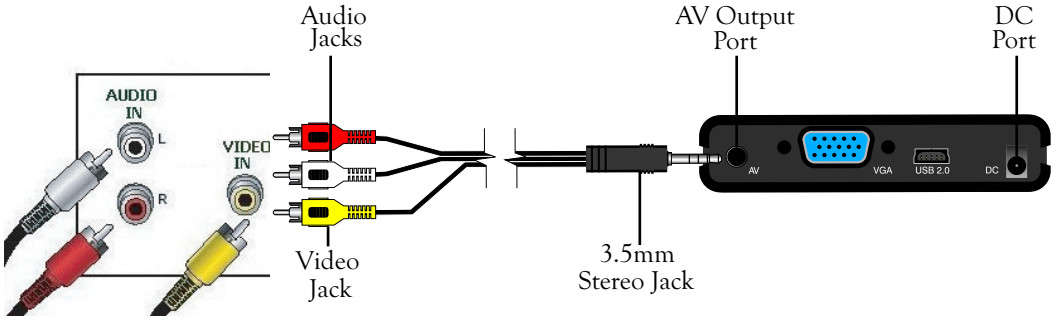
1. DC Power supply must be unplugged from HDP1 player.
2. Connect USB 2.0 jack into USB Input/Output port on back of HDP1 player.
3. Connect other USB jack into USB port on computer, it may be located in the front or back.



4. Once player is connected to computer, double left click on My Computer icon and drives will be listed. Player will appear as, ADVIEW (G:), with drive letter assignment determined by computer. Double left click on removable disk drive to see ACTIVE folder. Double left click on ACTIVE folder to open, content can now be copy/pasted or dragged/dropped into folder. Content will play in numerical order or alphabetical order, with numerical taking precedence, when both types are present.
5. Some USB devices may not have adequate current and will result in the hard disk making a continuous ticking noise when connected to these devices via USB. Under these conditions , plug in the DC power supply to the DC power supply jack attached to the USB cable (Included) with this unit. If a USB hub is being used make sure to use one which has it own power.

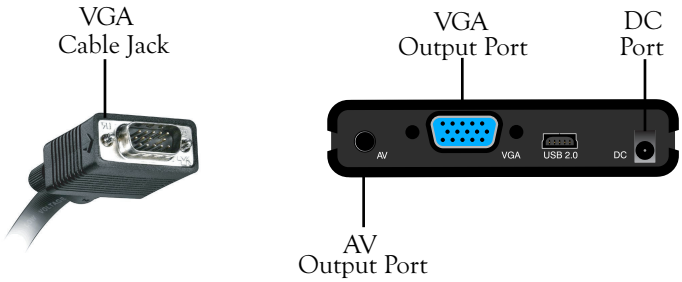
4.5 Display Content via AV

1. Plug DC Power Supply into outlet and jack into DC Port on HDP1.
2. To display content via A/V, using AV Cable (Included), plug 3.5 mm stereo jack into A/V Onput Port in HDP1.
3. Plug video (Yellow) composite jack into Video In, on input device. Then plug audio (Red/White) composite jacks into Audio In, on input device.
4. If content was previously displayed via VGA, press VGA/TV key on remote to switch to TV Output.
5. Make sure input source on input device is set to Video.



4.6 Display Content via VGA

1. Plug DC Power Supply into outlet and jack into DC Port on HDP1.
2. To display content via VGA, plug VGA Cable Jack from display device into VGA Output Port on HDP1player.
3. If content was previously displayed via AV, press VGA/TV key on remote to switch to VGA Output.
4. Make sure input source on display device is set for VGA.



5. To play audio when displaying via VGA, use AV cable (included) or 3.5mm stereo jack connected to an audio input device, such as, PC speakers. Plug stereo jack into AV Output Port on back of HDP1.

4.7 Play Background Music with JPEG's

1. Press STOP key on remote to access File Library (Signal Menu).
2. Press GOTO key on remote to turn on Music Slide Show Mode.
3. Use arrow keys on remote to highlight desired MP3 file, press A-B key to select MP3.
4. Use arrow keys on remote to highlight desired JPEG, press Play /↵ key, JPEG's will now play to selected MP3 file.
5. To turn off background music, press STOP key on remote to access File Library (Signal Menu).
6. Press GOTO key on remote to Exit Music Slide Show Mode.
7. Use arrow keys on remote to highlight desired starting content, press Play /↵ key, JPEG's will now play without background music.

5. System Parameters

5.1 Supported File Formats

Photo: JPEG (file must have *.jpg extension. If left as *.jpeg it will not play)
Music: MP3 (file must have *.mp3 extension); CD-DA files
Video: MPEG 1 (VCD), including MPG & DAT files
MPEG 2 (DVD), including MPG & VOB files
MPEG4 including DIVX, DVX & AVI files etc.
*(Does not play uncompressed AVI (Video for Windows) format)

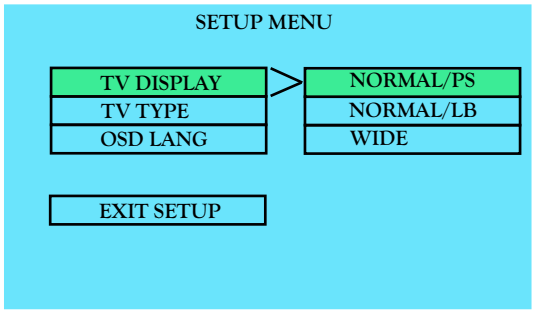
5.2 Supported Operating Systems

Windows XP / Windows ME / Windows 2000 etc.

5.3 HDP1 SETUP MENU

5.3.1 SETUP MENU—MAIN PAGE

To access settings press **SETUP** key on remote control. On remote use arrows to move around screen and **PLAY** /↵ button to make selections.

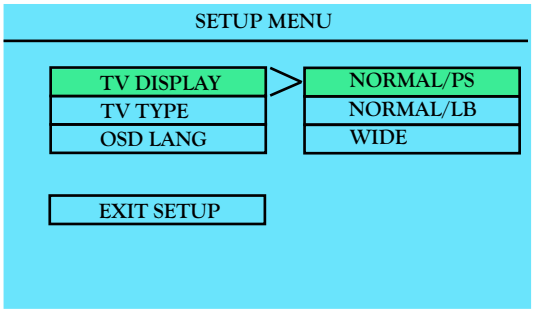


SETUP MENU—MAIN PAGE

- TV DISPLAY (Change how images display on screen)
- TY TYPE (Change signal sent to display)
- OSD LANG (On Screen Display Language)

- EXIT SETUP (Exit Setup Menu)

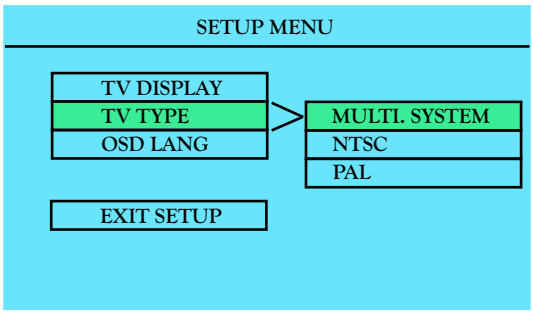
5.3.2 SETUP MENU—TV DISPLAY



SETUP MENU—TV DISPLAY

- NORMAL /PS (On normal TV some parts of wide screen image are automatically cut off)
- NORMAL /LB (On normal TV black bands show at top and bottom of wide screen images)
- WIDE (Select when player is connected to a wide screen TV)

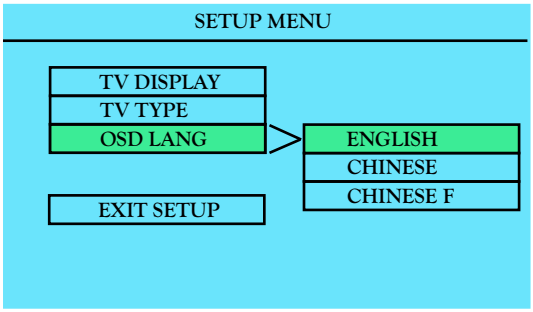
5.3.3 SETUP MENU—TV TYPE



SETUP MENU—TV TYPE

- MULTI. SYSTEM (Supports NTSC and PAL signals)
- NTSC (Dominant standard in United States)
- PAL (Dominant standard in Europe)

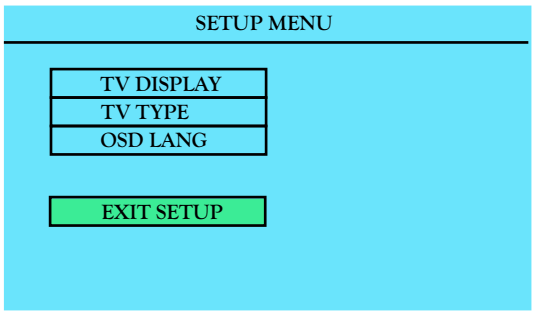
5.3.4 SETUP MENU—OSD LANG



SETUP MENU—OSD LANG

- ENGLISH (On Screen Displays are in English)
- CHINESE (On Screen Displays are in Chinese)
- CHINESE F (On Screen Displays are in Chinese F)

5.3.5 SETUP MENU—EXIT SETUP



SETUP MENU—EXIT SETUP

- EXIT SETUP (To Exit Setup Menu and return to normal operation)

7. Specifications

HDP1

Power Supply	DC 5.6V	
Power Consumption	800MA	
Video System	Auto/NTSC/PAL	
Dimension	132X80X19mm	
Weight	215g	
Playable Program Formats	MPEG4, DVD, SVCD, VCD, JPEG, MP3, CD-DA	
Video Output	1Vp-p +/-0.1 (75ohm)	
Audio Output	2.0 Vrms +/-0.3V	
Features of Audio Signal Output	Frequency Response	20Hz - 22kHz
	S/N Ratio	>=90dB (1kHz 0dB)
	Dynamic Range	>=80dB (1kHz 0dB)
	THD	0.04%
	Audio Distortion	Lower than test level
	Cross-talk	>=80dB (1kHz 0dB)
Hard Disk	2.5 inch, 20Gb, 40Gb, 80Gb	
Remote Control System	Infrared Pulse, DC 3V, Button Battery	